

WEST Search History

[Hide Items](#)
[Restore](#)
[Clear](#)
[Cancel](#)

DATE: Tuesday, March 29, 2005

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
	<i>DB=USPT; PLUR=NO; OP=OR</i>		
<input type="checkbox"/>	L83	l82 and (l66 or l68 or l69)	0
<input type="checkbox"/>	L82	715/532.ccls.	189
<input type="checkbox"/>	L81	(l79 or L80) and (l66 or l68 or l69)	2
<input type="checkbox"/>	L80	707/100.ccls.	1686
<input type="checkbox"/>	L79	707/4.ccls.	1529
	<i>DB=EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>		
<input type="checkbox"/>	L78	l76 and (amount near usage)	0
<input type="checkbox"/>	L77	L76 and ((search\$ or quer\$ or enquir\$ or inquir\$ or request\$) near (track\$ or counter or counting or quantit\$ or total\$))	0
<input type="checkbox"/>	L76	(L74 or l75) and (user near (input\$ or define\$ or definition\$ or generat\$))	84
<input type="checkbox"/>	L75	((world adj1 wide web) or www or internet) near (quer\$ or search\$ or inquir\$ or enquir\$ or request\$) near engine)	154
<input type="checkbox"/>	L74	(l70 or l71 or l72 or L73) and ((quer\$ or search\$ or inquir\$ or enquir\$ or request\$) near engine)	934
<input type="checkbox"/>	L73	internet.ab.	107866
<input type="checkbox"/>	L72	internet.ti.	47702
<input type="checkbox"/>	L71	(world adj1 wide adj1 web).ti.	945
<input type="checkbox"/>	L70	(world adj1 wide adj1 web).ab.	2650
	<i>DB=USPT; PLUR=NO; OP=OR</i>		
<input type="checkbox"/>	L69	L67 and (database\$ or (data adj1 base\$)).ab.	40
<input type="checkbox"/>	L68	L67 and (database\$ or (data adj1 base\$)).ti.	7
<input type="checkbox"/>	L67	(amount near usage)	806
<input type="checkbox"/>	L66	L65 and ((search\$ or quer\$ or enquir\$ or inquir\$ or request\$) near (track\$ or counter or counting or quantit\$ or total\$))	15
<input type="checkbox"/>	L65	L64 and (user near (input\$ or define\$ or definition\$ or generat\$))	287
<input type="checkbox"/>	L64	(l60 or l61 or l62 or L63) and ((quer\$ or search\$ or inquir\$ or enquir\$ or request\$) near engine)	533
<input type="checkbox"/>	L63	internet.ab.	4938
<input type="checkbox"/>	L62	internet.ti.	1514
<input type="checkbox"/>	L61	(world adj1 wide adj1 web).ab.	511
<input type="checkbox"/>	L60	(world adj1 wide adj1 web).ti.	122
	L59	L58 and (((user adj1 defined) or user-defined) same (quer\$ or search\$ or request\$))	1

10/032442

<input type="checkbox"/>	same dictionary)	
<input type="checkbox"/>	L58 (704/10).ccls.	243
<input type="checkbox"/>	L57 L55 and L56	21
<input type="checkbox"/>	L56 L55 and (((user adj1 defined) or user-defined) same track\$)	21
<input type="checkbox"/>	L55 L54 and (track\$ same (quer\$ or search\$ or request\$))	711
<input type="checkbox"/>	L54 (707/1 707/2 707/3).ccls.	5101
<input type="checkbox"/>	L53 L52 and (((user adj1 defined) or user-defined) same track\$)	5
<input type="checkbox"/>	L52 L51 and (track\$ same (quer\$ or search\$ or request\$))	50
	(L50).pn. (6226637 6233586 6260050 6263342 6272488 6338056 6519597 6571233 6578046 6584459 6697818 5930795 5826076 6094649 5305434 5956706 5689698 5734885 5754841 5794250 5873093 5907847 5940289 5983228 5995958 5995974 6035298 6067542 6085223 6122641 6173290 6223179 6223179 6424964 5263167 5265246 5276870 5295256 5297279 5428737 5432930 5437027 5504886 5701460 5712960 5732274 5734884 5737591 5742810 5752016).pn. (5819282 5894311 5905985 5930800 5940818 5983213 6003022 6047284 6076085 6115704 6145119 6151608 6182079 6189004 6192371 6205447 6212524 6212516 6212524 6279006 6327585 6349305 6405193 6405212 6449620 6484163 6493699 6539371 6556986 6564203 6587856 6697794 6708186 5608904 6044216 6212513 6212513 6236986 6326962 6370522 6480833 5794228 5303367 5511186 5546576 5555409 5634053 5794229 5842213 5873075).pn. (5918225 6078926 5197005 5379419 5412804 5603025 5640550 5694598 5787416 5819264 5819251 5899990 5899997 5963936 5963934 5987455 6003026 6081801 6138112 6178519 6199195 6243709 6243710 5263126 5367675 5499359 5551029 5557785 5566330 5619692 5652880 5706494 5740421 5745896 5752018 5752247 5819086 5832481 5857182 5860069 5864864 5873074 5903887 5905982 5918232 5937415 5937409 5960426 5963933 5970490).pn. (5974418 5978793 5995959 5995968 6006214 6009271 6016394 6021410 6061690 6061690 6067548 6085189 6163776 6167405 6173439 6205451 6208992 6219662 6219662 6247018 6286015 6353828 6381600 6470348 6502098 4498145 4506326 4931928 4947320 5201046 5210686 5257366 5261093 5291583 5293615 5297280 5317731 5349678 5355472 5404506 5404510 5410704 5412806 5418943 5418950 5421008 5426781 5428776 5442782 5446858).pn. (5450537 5452450 5457797 5469568 5471613 5499368 5511190 5519859 5539903 5542073 5546570 5546526 5548758 5548755 5548754 5555408 5555403 5566333 5568645 5574900 5590324 5602936 5611076 5615361 5625812 5630122 5642505 5644763 5659728 5664172 5671436 5680603 5689697 5694591 5696960 5701461 5701456 5701455 5701453 5706495 5713014 5721900 5721901 5724568 5727197 5729731 5732257 5732258 5734887 5737736).pn. (5778355 6112210 5864843 5895467 6112207 6192358 6192370 5394546 5761493 5799310 5826077 5893104 6012067 6047291 6078925 6108648 6128610 6134559 6161103 6366934 6418448 6421656 6434554 6477527 6594669 5937406 5754782 6016497 5724570 5764973 5261102 5450581 5475836 5504885 5542078 5555367 5564113 5577239 5625813 5765147 5950192 6065013 6119128 6122627 6134540 6134546 6192390 6212673 6226637 6212673)	293
<input type="checkbox"/>	L50	876

<input type="checkbox"/>	L49 L38 and (authoriz\$ or authenticat\$)	14
<input type="checkbox"/>	L48 L22 and increment\$	14
<input type="checkbox"/>	L47 L22 and counter\$	9
<input type="checkbox"/>	L46 L40 and counters	0
<input type="checkbox"/>	L45 L40 and counter	0
<input type="checkbox"/>	L44 L41 and (increment or increment\$)	1
<input type="checkbox"/>	L43 L41 and (creat\$ same table)	8
<input type="checkbox"/>	L42 L41 and (create near table)	2
<input type="checkbox"/>	L41 L40 and (track or tracks or tracking or tracked)	8
<input type="checkbox"/>	L40 L38 and (dictionary same (table or tables))	12
<input type="checkbox"/>	L39 L38 and dictionary	23
<input type="checkbox"/>	L38 L37 and (user adj1 (define or defines or defined))	148
<input type="checkbox"/>	L37 (sql or (structured adj1 query adj1 language\$) or query or queries or queried).ti.	743
<input type="checkbox"/>	L36 L22 and dictionary	5
<input type="checkbox"/>	L35 L34 and (sql or (structured adj1 query adj1 language\$) or query or queries or queried)	13
<input type="checkbox"/>	L34 L1 and dictionary	69
<input type="checkbox"/>	L33 L31 and sql	1
<input type="checkbox"/>	L32 L30 and sql	3
<input type="checkbox"/>	L31 L1 and (create near table)	13
<input type="checkbox"/>	L30 L21 and (create near table)	4
<input type="checkbox"/>	L29 L25 and (user adj1 (define or defines or defined))	7
<input type="checkbox"/>	L28 L26 and (track or tracks or tracking or tracked)	1
<input type="checkbox"/>	L27 L26 and (track or tracks or tracking or tracked)	1
<input type="checkbox"/>	L26 6353818.pn.	1
<input type="checkbox"/>	L25 L23 and (track or tracks or tracking or tracked)	7
<input type="checkbox"/>	L24 L23 and (track or tracks or tracking or tracked).ab.	0
<input type="checkbox"/>	L23 L22 and (database or databases or (data adj1 base) or (data adj1 base\$))	38
<input type="checkbox"/>	L22 L21 and (sql or (structured adj1 query adj1 language\$) or query or queries or queried)	46
<input type="checkbox"/>	L21 (user adj1 (define or defines or defined)).ti.	109
<input type="checkbox"/>	L20 L18 and (track or tracks or tracking or tracked).ab.	2
<input type="checkbox"/>	L19 L18 and (track or tracks or tracking or tracked).ti.	0
<input type="checkbox"/>	L18 ((user adj1 (define or defines or defined)) near (sql or (structured adj1 query adj1 language\$) or query or queries or queried))	85
<input type="checkbox"/>	L17 ((user adj1 (define or defines or defined)) same (sql or (structured adj1 query adj1 language\$) or query or queries or queried))	754
<input type="checkbox"/>	L16 L15 and (tracking or track or tracks or tracked)	25
<input type="checkbox"/>	L15 L12 and (sql or (structured adj1 query adj1 language\$) or query or queries or	25

	queried)	
<input type="checkbox"/>	L14 L12 and ((user adj1 (define or defines or defined)) same (sql or (structured adj1 query adj1 language\$) or query or queries or queried))	2
<input type="checkbox"/>	L13 L1 and (user adj1 (define or defines or defined)).ti.	0
<input type="checkbox"/>	L12 L1 and (user adj1 (define or defines or defined))	106
<input type="checkbox"/>	L11 L10 and (track or tracks or tracking or tracked)	1
<input type="checkbox"/>	L10 L9 and (search\$ or request\$ or quer\$)	1
<input type="checkbox"/>	L9 L8 and ((search\$ or request\$ or quer\$) near (database or databases or (data adj1 base) or (data adj1 base\$)))	1
<input type="checkbox"/>	L8 5940835.pn.	1
<input type="checkbox"/>	L7 L6 and (database or databases or (data adj1 base) or (data adj1 bases))	45
<input type="checkbox"/>	L6 L1 and L5	281
<input type="checkbox"/>	L5 (((track or tracks or tracking or tracked) near (quer\$ or search\$ or reques\$))	2245
<input type="checkbox"/>	L4 L3 and (track or tracks or tracking or tracked)	19
<input type="checkbox"/>	L3 L2 and (quer\$ or search\$)	19
<input type="checkbox"/>	L2 L1 and (database or databases or (data adj1 base) or (data adj1 bases)).ti.	24
<input type="checkbox"/>	L1 (tracking or trackor or tracks or track).ti.	15546

END OF SEARCH HISTORY



[Subscribe](#) (Full Service) [Register](#) (Limited Service, Free) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

amount of usage and query and database and user defined and

SEARCH



[Feedback](#) [Report a problem](#) [Satisfaction su](#)

Terms used

amount of usage and query and database and user defined and tracking application and calculating royalty

Sort results by

Display results

[Save results to a Binder](#)

[Search Tips](#)

☐ Open results in a new window

Try an [Advanced Search](#)

Try this search in [The ACM Guid](#)

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

Relevance scale

1 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Full text available: pdf(4.21 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on proc time diagrams are often used to obtain a better understanding of the execution of the application visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

2 [Query evaluation techniques for large databases](#)

Goetz Graefe

June 1993 **ACM Computing Surveys (CSUR)**, Volume 25 Issue 2

Full text available: pdf(9.37 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Database management systems will continue to manage large data volumes. Thus, efficient algorithms for accessing and manipulating large sets and sequences will be required to provide acceptable performance. The advent of object-oriented and extensible database systems will not solve this problem. On the contrary, modern data models exacerbate the problem: In order to manipulate large sets of complex objects as efficiently as today's database systems manipulate simple records, query processing ...

Keywords: complex query evaluation plans, dynamic query evaluation plans, extensible database systems, iterators, object-oriented database systems, operator model of parallelization, parallel algorithms, relational database systems, set-matching algorithms, sort-hash duality

3 [Computing curricula 2001](#)

September 2001 **Journal on Educational Resources in Computing (JERIC)**

Full text available: pdf(613.63 KB) html(2.78 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

10/035 M42

4 Data base directions: the next steps

John L. Berg

November 1976 , Volume 8 , 8 Issue 4 , 2

Full text available:  pdf(9.95 MB)

Additional Information: [full citation](#), [abstract](#)

What information about data base technology does a manager need to make prudent decisions at using this new technology? To provide this information the National Bureau of Standards and the Association for Computing Machinery established a workshop of approximately 80 experts in five major subject areas. The five subject areas were auditing, evolving technology, government regulations, standards, and user experience. Each area prepared a report contained in these proceedings. The proceedings p ...

Keywords: DBMS, auditing, cost/benefit analysis, data base, data base management, government regulation, management objectives, privacy, security, standards, technology assessment, user experience

5 Extracting usability information from user interface events

David M. Hilbert, David F. Redmiles

December 2000 **ACM Computing Surveys (CSUR)**, Volume 32 Issue 4

Full text available:  pdf(1.50 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Modern window-based user interface systems generate user interface events as natural products their normal operation. Because such events can be automatically captured and because they ind user behavior with respect to an application's user interface, they have long been regarded as a potentially fruitful source of information regarding application usage and usability. However, beca user interface events are typically voluminos and rich in detail, automated support is generally ...

Keywords: human-computer interaction, sequential data analysis, usability testing, user interfac event monitoring

6 Full Papers: New paradigms in problem solving environments for scientific computing

George Chin, L. Ruby Leung, Karen Schuchardt, Debbie Gracio

January 2002 **Proceedings of the 7th international conference on Intelligent user interfaces**

Full text available:  pdf(947.61 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Computer and computational scientists at Pacific Northwest National Laboratory (PNNL) are study and designing collaborative problem solving environments (CPSEs) for scientific computing in vari domains. Where most scientific computing efforts focus at the level of the scientific codes, file systems, data archives, and networked computers, our analysis and design efforts are aimed at developing enabling technologies that are directly meaningful and relevant to domain scientist at level ...

Keywords: collaborative problem solving environment (CPSE), computational science, participat analysis, scientific computing, scientific workflow, visual programming

7 A distributed database architecture for global roaming in next-generation mobile networks

Zuji Mao, Christos Douligeris

February 2004 **IEEE/ACM Transactions on Networking (TON)**, Volume 12 Issue 1

Full text available:  pdf(427.81 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The next-generation mobile network will support terminal mobility, personal mobility, and service provider portability, making global roaming seamless. A location-independent personal

telecommunication number (PTN) scheme is conducive to implementing such a global mobile system. However, the nongeographic PTNs coupled with the anticipated large number of mobile users in future mobile networks may introduce very large centralized databases. This necessitates research into the design and performance ...

Keywords: database architecture, location management, location tracking, mobile networks

8 Query Optimization in Database Systems

Matthias Jarke, Jurgen Koch

June 1984 **ACM Computing Surveys (CSUR)**, Volume 16 Issue 2

Full text available:  pdf(2.84 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

9 Cactis: a self-adaptive, concurrent implementation of an object-oriented database management system

Scott E. Hudson, Roger King

September 1989 **ACM Transactions on Database Systems (TODS)**, Volume 14 Issue 3

Full text available:  pdf(2.65 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Cactis is an object-oriented, multiuser DBMS developed at the University of Colorado. The system supports functionally-defined data and uses techniques based on attributed graphs to optimize the maintenance of functionally-defined data. The implementation is self-adaptive in that the physical organization and the update algorithms dynamically change in order to reduce disk access. The system is also concurrent. At any given time there are some number of computations that must be performed ...

10 A model of multimedia information retrieval

Carlo Meghini, Fabrizio Sebastiani, Umberto Straccia

September 2001 **Journal of the ACM (JACM)**, Volume 48 Issue 5

Full text available:  pdf(5.69 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Research on multimedia information retrieval (MIR) has recently witnessed a booming interest. A prominent feature of this research trend is its simultaneous but independent materialization within several fields of computer science. The resulting richness of paradigms, methods and systems may, in the long run, result in a fragmentation of efforts and slow down progress. The primary goal of this study is to promote an integration of methods and techniques for MIR by contributing a conceptual model ...

Keywords: Description logics, fuzzy logics, multimedia information retrieval

11 Cost-driven vertical class partitioning for methods in object oriented databases

Chi-Wai Fung, Kamalakara Karlapalem, Qing Li

October 2003 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 12 Issue 3

Full text available:  pdf(334.54 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Abstract. In object-oriented databases (OODBs), a method encapsulated in a class typically accesses few, but not all the instance variables defined in the class. It may thus be preferable to vertically partition the class for reducing irrelevant data (instance variables) accessed by the methods. Our work has shown that vertical class partitioning can result in a substantial decrease in the total number of disk accesses incurred for executing a set of applications, but coming up with an optimal ...

Keywords: Affinity-based, Analytical cost model, Cost-driven, Hill-climbing heuristic algorithm, Method-induced, Object-oriented databases, Vertical class partitioning

12 Security-control methods for statistical databases: a comparative study

Nabil R. Adam, John C. Worthmann

December 1989 **ACM Computing Surveys (CSUR)**, Volume 21 Issue 4

Full text available:  [pdf\(3.64 MB\)](#)


Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

This paper considers the problem of providing security to statistical databases against disclosure of confidential information. Security-control methods suggested in the literature are classified into four general approaches: conceptual, query restriction, data perturbation, and output perturbation. Criteria for evaluating the performance of the various security-control methods are identified. Security-control methods that are based on each of the four approaches are discussed, then ...

13 User interfaces: DIAL: a programming language for data intensive applications

Michael Hammer, Brian Berkowitz

May 1980 **Proceedings of the 1980 ACM SIGMOD international conference on Management data**

Full text available:  [pdf\(1.92 MB\)](#)


Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

DIAL is a problem-oriented and high-level programming language oriented towards database applications. It integrates into a unified framework database primitives and computational facilities that an application programmer will deal with a single coherent language. The design of DIAL is based on the premise that in order to have a meaningful impact on the construction of application software a database programming language should eschew generality and focus on what is unique about the application ...

14 Special issue on prototypes of deductive database systems: The Aditi deductive database system

Jayen Vaghani, Kotagiri Ramamohanarao, David B. Kemp, Zoltan Somogyi, Peter J. Stuckey, Tim S. Leask, James Harland

April 1994 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 1 Issue 2

Full text available:  [pdf\(2.67 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Deductive databases generalize relational databases by providing support for recursive views and atomic data. Aditi is a deductive system based on the client-server model; it is inherently multi-user and capable of exploiting parallelism on shared-memory multiprocessors. The back-end uses relational technology for efficiency in the management of disk-based data and uses optimization algorithms especially developed for the bottom-up evaluation of logical queries involving recursion. The front

Keywords: implementation, logic, multi-user, parallelism, relational database

15 Special issue on word sense disambiguation: Introduction to the special issue on word sense disambiguation: the state of the art

Nancy Ide, Jean Véronis

March 1998 **Computational Linguistics**, Volume 24 Issue 1

Full text available:  [pdf\(3.44 MB\)](#)  [Publisher Site](#)

Additional Information: [full citation](#), [references](#), [citations](#)

16 An analysis of XML database solutions for the management of MPEG-7 media descriptions

Utz Westermann, Wolfgang Klas

December 2003 **ACM Computing Surveys (CSUR)**, Volume 35 Issue 4

Full text available:  pdf(448.76 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#), [review](#)

MPEG-7 constitutes a promising standard for the description of multimedia content. It can be expected that a lot of applications based on MPEG-7 media descriptions will be set up in the near future. Therefore, means for the adequate management of large amounts of MPEG-7-compliant media descriptions are certainly desirable. Essentially, MPEG-7 media descriptions are XML documents following media description schemes defined with a variant of XML Schema. Thus, it is reasonable to investigate current ...

Keywords: MPEG-7, XML database systems, multimedia databases

17 Broadcast protocols to support efficient retrieval from databases by mobile users

Anindya Datta, Debra E. VanderMeer, Aslihan Celik, Vijay Kumar

March 1999 **ACM Transactions on Database Systems (TODS)**, Volume 24 Issue 1

Full text available:  pdf(638.48 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Mobile computing has the potential for managing information globally. Data management issues in mobile computing have received some attention in recent times, and the design of adaptive broadcast protocols has been posed as an important problem. Such protocols are employed by database systems to decide on the content of broadcasts dynamically, in response to client mobility and demand patterns. In this paper we design such protocols and also propose efficient retrieval schemes ...

Keywords: adaptive broadcast protocols, client-server computing, energy conservation, mobile databases

18 Mariposa: a wide-area distributed database system

Michael Stonebraker, Paul M. Aoki, Witold Litwin, Avi Pfeffer, Adam Sah, Jeff Sidell, Carl Staelin, And Yu

January 1996 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 5 Issue 1

Full text available:  pdf(172.75 KB)

Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

The requirements of wide-area distributed database systems differ dramatically from those of local area network systems. In a wide-area network (WAN) configuration, individual sites usually report different system administrators, have different access and charging algorithms, install site-specific data type extensions, and have different constraints on servicing remote requests. Typical of the point are production transaction environments, which are fully engaged during normal business hours

Keywords: Autonomy, Databases, Distributed systems, Economic site, Name service, Wide-area network

19 Quality of service in an information economy

R. Braumandl, A. Kemper, D. Kossmann

November 2003 **ACM Transactions on Internet Technology (TOIT)**, Volume 3 Issue 4

Full text available:  pdf(829.15 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Accessing and processing distributed data sources have become important factors for businesses today. This is especially true for the emerging virtual enterprises with their data and processing capabilities spread across the Internet. Unfortunately, however, query processing on the Internet is not predictable and robust enough to meet the requirements of many business applications. For instance, the response time of a query can be unexpectedly high; or the monetary cost might be


high if the ...

Keywords: Quality of Service

20 Query optimization in a memory-resident domain relational calculus database system

Kyu-Young Whang, Ravi Krishnamurthy

March 1990 **ACM Transactions on Database Systems (TODS)**, Volume 15 Issue 1

Full text available:  pdf(2.46 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We present techniques for optimizing queries in memory-resident database systems. Optimization techniques in memory-resident database systems differ significantly from those in conventional d resident database systems. In this paper we address the following aspects of query optimization i such systems and present specific solutions for them: (1) a new approach to developing a CPU-intensive cost model; (2) new optimization strategies for main-memory query processing; (3) new insight into ...

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results

[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "((database and tracking)<in>metadata)"

Your search matched 3 of 1137806 documents.

e-mail

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.[» View Session History](#)[» New Search](#)[» Key](#)

IEEE JNL IEEE Journal or Magazine

IEEE JNL IEEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEEE Conference Proceeding

IEEE STD IEEE Standard

Modify Search

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

Select Article Information

- ☐ 1. **Efficient planar object tracking and parameter estimation using compactly represented spline curves**
Yu-Hua Gu; Tjahjedi, T.;
Systems, Man and Cybernetics, Part A, IEEE Transactions on
Volume 29, Issue 4, July 1999 Page(s):358 - 367
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(272 KB\)](#) IEEE JNL
- ☐ 2. **Performance evaluation of location information distribution strategies for mobility**
Mao, Z.; Douligeris, C.;
Parallel and Distributed Systems, 2000. Proceedings. Seventh International Conference
4-7 July 2000 Page(s):429 - 436
[AbstractPlus](#) | Full Text: [PDF\(628 KB\)](#) IEEE CNF
- ☐ 3. **Location prediction and queries for tracking moving objects**
Wolfson, O.; Xu, B.; Chamberlain, S.;
Data Engineering, 2000. Proceedings. 16th International Conference on
29 Feb.-3 March 2000 Page(s):687 - 688
[AbstractPlus](#) | Full Text: [PDF\(28 KB\)](#) IEEE CNF

 Indexed by
 Inspec
[Help](#) [Contact Us](#) [Privacy & Policy](#)

© Copyright 2005 IEEE –

16/038,742